BRUHAT BANAG

Byatarayanap

EXTRA ITE

Name of the work : Package-3, includes 4 works of Rs.200.00 Lakhs 1)Improvements to roads an 2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, in ward No.07, Byatarayanapura 4Improvements to roads and drains of Hotteppa Layout, Khas

Agency: Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampig

Sl No	Item Of Work	Unit	Estimate
1	2	3	4
1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)	sqm	163.08
2	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)	sqm	157.5
	TOTAL EIRL AMOUNT		
	AMOUNT IN WORDS	**ELEVEN LAKH TW**	

PERCENTAGE OF EXCESS OVER AMOUNT PUT TO TENDER

EIRL Am
Amount p
Tender

Asst Engineer

LORE MAHANAGARA PALIKE

ra Sub Division

I RATE LIST

drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura
yatarayanapura 3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout
nagara and surrounding areas in ward No.07, Byatarayanapura

road, Malleswaram bangalore-560003.

ity	Rate	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
	5	6	7	8	9	10	11
	5111.00	833501.88	Additonal Item	No	-	Approved Data Rate	
	1836.00	289170.00	Additonal Item	No	-	Approved Data Rate	
		1122671.88					

ENTY TWO THOUSAND SIX HUNDRED SEVENTY ONE RUPEES AND EIGHTY EIGHT PAISA ONLY

unt / t to = 1122671.88 / 16886517.08 x100 = 6.65 %

Asst.Executive Engineer

Executive Engineer 11/02

11/02

" E-RL Approved "

Name of the work : Package-3, includes 4 works of Rs.200.00 Lakhs 1)In and surrounding areas in ward No.07, Byatarayanapura 2)Improvemen ward No.07, Byatarayanapura 3)mprovements to roads and drains of G Byatarayanapura 4Improvements to roads and drains of Hotteppa Layo Byatarayanapura

Agency: Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampige ro

Estimated cost: 200.00 LAKHS

Amount put to Tender as per Sanction : 16886517.08

Agreement No.

Accepted Tendered Amount : 18907690.72

Head of Account : P9111 State Finance Commission untied grant works

EIRL RATE ANALYSIS

Sl No	Dscription.	Unit	Page
	CSR 2016-17		
E1	**Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)**	Sqmt	
E2	**Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)**	Sqmt	

Contractor.

Assistant Engineer.

Assist
Byata
Bruhat Ba

provements to roads and drains of chiranjeevi layout extension
s to roads and drains of Mariyannapalya and surrounding areas in
palappa Layout and chinnappa Layout in ward No.07,
t, Khasinagara and surrounding areas in ward No.07,

d, Malleswaram bangalore-560003.

PWD CSR 2016-17)

Item	Basic Rate	Lift charges	Total	AW @ 6%	Total Rate	Add T.P (+)10%	Final Rate.
Data Rate					5111.00		5111.00
Data Rate					1836.00		1836.00

Executive Engineer
napura Sub Division
alore Mahanagara Palike
Bangalore.

Executive Engineer,
Byataryanapura Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯೋಜನಾ ಮತ್ತು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.

BRUHAT BANGALORE MAHANAGARA PALIKE

PACKAGE-3

NAME OF WORK:-Package-3, includes 4 works of Rs.200.00 Lakhs 1)Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura 2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura 3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura 4)Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura

Agency: Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampige road, Malleswaram bangalore-560003.

Abstract

BOQ Item No	Description	Unit	Quantity	Approved Tender	Amount	Remarks
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)					
	1)Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura	sqm	43.20			
	2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura	sqm	20.52			
	3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura	sqm	79.92			
	4)Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura	sqm	19.44			
	Present Qty	sqm	**163.08**			
	Tender Qty	sqm	-			
	Now to be paid	sqm	**163.08**	**5111.00**	**833501.88**	
E2	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)					
	1)Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura	Sqm				
	2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura	Sqm	157.50			
	3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura	Sqm				
	4)Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura	Sqm				
	Present Qty	sqm	**157.50**			
	Tender Qty	sqm	-			
	Now to be paid	sqm	**157.50**	**1836.00**	**289170.00**	
				TOTAL	**1122671.88**	

Name of Work:- Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura

Estimate Cost:- 60.00 Lakhs

Sl no.	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in Rs	Amount Rs
	EIRL Items								
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)								
	DETA RATE	**Sqm**							
	Culvert covering		19	1.80	0.60		20.52		
						Total	**20.52**	**5111.00**	**104877.72**
E2	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)								
	DETA RATE	**Sqm**							
	Drain covering		1	45.00	0.90		40.50		
			1	130.00	0.90		117.00		
						Total	**157.50**	**1836.00**	**289170.00**
								Total	**394047.72**

1)This is certified that the work spot comes under BBMP limits only.
2) The work spot is inspected by me
3) The items Provided in the Estimate are quite Essential
4)The rates are as per CSR of 2016-17 year of PWD Bangalore Circle.

Asst.Engineer
Ward no.7

Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

Executive Engineer
Byatrayanapura Division
B.B.M.P.

Name of Work:- Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura
Estimate Cost:- 50.00 Lakhs

Sl no.	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in Rs	Amount Rs
	EIRL Items								
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)								
	DETA RATE	**Sqm**							
	Culvert covering		18	1.80	0.60		19.44		
						Total	**19.44**	**5111.00**	**99357.84**
								Total	**99357.84**

1)This is certified that the work spot comes under BBMP limits only.
2) The work spot is inspected by me
3) The items Provided in the Estimate are quite Essential
4)The rates are as per CSR of 2016-17 year of PWD Bangalore Circle.

Asst.Engineer
Ward no.7

Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

Executive Engineer
Byatrayanapura Division
B.B.M.P.

Name of Work:- Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura

Estimated Cost:- 50.00 Lakhs

Sl no.	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in Rs	Amount Rs
	EIRL Items								
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)								
	DETA RATE	**Sqm**							
	culvert covering slab		40	1.8	0.60		43.20		
						Total	**43.20**	**5111.00**	**220795.20**
								Total	**220795.20**

1)This is certified that the work spot comes under BBMP limits only.
2) The work spot is inspected by me
3) The items Provided in the Estimate are quite Essential
4)The rates are as per CSR of 2016-17 year of PWD Bangalore Circle.

Asst.Engineer
Ward no.7

Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

11/02

Executive Engineer
Byatrayanapura Division
B.B.M.P.

11/02

Name of Work:- Improvements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura
Estimate Cost:- 50.00 Lakhs

Sl no.	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in Rs	Amount Rs
	EIRL Items								
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)								
	DETA RATE	**Sqm**							
	culvert covering slab		74	1.8	0.60		79.92		
						Total	**79.92**	**5111.00**	**408471.12**
								Total	**408471.12**

1)This is certified that the work spot comes under BBMP limits only.
2) The work spot is inspected by me
3) The items Provided in the Estimate are quite Essential
4)The rates are as per CSR of 2016-17 year of PWD Bangalore Circle.

Asst.Engineer
Ward no.7

Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

11/02

Executive Engineer
Byatrayanapura Division
B.B.M.P.

BYATARAYANAPURA DIVISION

Work Slip: As per Std Tender Documents

Name of Work:	**Package-3, includes 4 works of Rs.200.00 Lakhs 1)Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura 2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura 3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura 4)Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura**
Estimate Amount:-	**Rs 200.00 LAKHS**
Amount put to Tender	**Rs 16886517.08**
Name of Contractor:-	**Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampige road, Malleswaram bangalore-560003.**
Approved amount:-	**Rs18907690.72**
Tender premium:-	**12.00% Above**

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. upto 125%			Qty. above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
7	Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site. laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications and the directions of Engineer in-charge	cum	965.43	1856.48	1792301.49	1470.69	1206.79	1856.48	2240376.86	263.90	1980.00	522524.97	2762901.83	970600.34	0.00	
14	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep. after raking joints to depth of 20 mm nicley lining, including cost of materials, labour. curing etc., complete as per specifications and directions of the engineer-in-charge.	sqm	108.00	41.55	4487.40	162.00	135.00	41.55	5609.25	27.00	41.55	1121.90	6731.15	2243.75	0.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. upto 125%			Qty. above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
17	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1.4.6 (Page NO. 13, Item NO. 4.11)	Cum	32.18	6690.24	215291.92	41.03	40.23	6690.24	269114.90	0.80	7136.26	5719.71	274834.61	59542.69	0.00	
	Grand total				2012080.81				2515101.01			529366.58	3044467.59	1032386.78	0.00	

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

(1032386.78/16886517.08)x100 = 6.11%

Workslip Amount Rs.1032386.78/-
Percentage of Workslip 6.11%

Contractor

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Work slip approved.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

BRUHATH BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Comparitive Statement

Name of Work:	Package-3, includes 4 works of Rs.200.00 Lakhs 1)Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura 2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura 3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura 4Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura
Estimate Amount:-	Rs 200.00 LAKHS
Amount put to Tender	Rs 16886517.08
Name of Contractor:-	Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampige road, Malleswaram bangalore-560003.
Approved amount:-	Rs18907690.72
Tender premium:-	12.00% Above

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and the directions of Engineer in-charge	Cum	3120.46	104.30	325463.98	3641.13	104.30	379769.36	0.00	104.30	0.00	3641.13	379769.36	54305.38	0.00	
2	Removing and refixing stone slabs of drains and pointing aand the directions of Engineer in-charge	Sqm	6634.89	90.23	598666.12	5549.24	90.23	500707.47	0.00	90.23	0.00	5549.24	500707.47	0.00	97958.65	
3	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete as per specification and the directions of Engineer in-charge	Sqm	2646.060	745.56	1972796.49	1996.61	745.56	1488588.82	0.00	745.56	0.00	1996.61	1488588.82	0.00	484207.67	

S. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
4	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification and the directions of Engineer in-charge	Cum	157.080	5416.97	850897.65	118.69	5416.97	642942.88	0.00	5416.97	0.00	118.69	642942.88	0.00	207954.77	
5	Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specificationsand the directions of Engineer in-charge	Cum	78.570	4970.81	390556.54	78.03	4970.81	387872.30	0.00	4970.81	0.00	78.03	387872.30	0.00	2684.24	
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specificationsand the directions of Engineer in-charge	Cum	16.500	6055.83	99921.20	14.70	6055.83	89020.70	0.00	6055.83	0.00	14.70	89020.70	0.00	10900.50	

S. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
7	Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications and the directions of Engineer in-charge	Cum	965.430	1856.48	1792301.49	1206.79	1856.48	2240376.86	263.90	1980.00	522524.97	1470.69	2762901.83	970600.34	0.00	
8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machineries complete as per specifications and the directions of Engineer in-charge	Sqm	24246.50	3.56	86317.54	27133.89	3.56	96596.66	0.00	3.56	0.00	27133.89	96596.66	10279.12	0.00	
9	Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications and the directions of Engineer in-charge	Sqm	27174.50	13.06	354898.97	27676.09	13.06	361449.78	0.00	13.06	0.00	27676.09	361449.78	6550.81	0.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
10	Providing and laying bituminous concrete40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filleeer, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required gradde, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to acheive the desired compaction as per MORTH specifications and the directions of Engineer in-charge	Cum	1086.980	8223.37	8938638.72	1107.04	8223.37	9103630.36	0.00	8223.37	0.00	1107.04	9103630.36	164991.64	0.00	
11	Providing and laying of hot applied thermoplastic compund 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied galss beads as per thickness of 2.5mm is exclusive of surface, applied glass beadsa s perIRC35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and the directions of Engineer in-charge	Sqm	1087.80	607.85	661219.23	953.71	607.85	579712.62	0.00	607.85	0.00	953.71	579712.62	0.00	81506.61	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
12	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.17, Item No.17)	Tonne	17.70	70667.76	1250819.35	2.26	70667.76	159709.14	0.00	70667.76	0.00	2.26	159709.14	0.00	1091110.21	
13	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)	Sqm	646.20	434.52	280786.82	364.68	434.52	158460.75	0.00	434.52	0.00	364.68	158460.75	0.00	122326.07	
14	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.	Sqm	108.0000	41.55	4487.40	135.00	41.55	5609.25	27.00	41.55	1121.90	162.00	6731.15	2243.75	0.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
15	Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate	Cum	104.000	5784.26	601563.04	52.50	5784.26	303673.65	0.00	5784.26	0.00	52.50	303673.65	0.00	297889.39	
16	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift. (P177, It No. 22.7)	Sqm	1040.00	106.85	111124.00	525.00	106.85	56096.25	0.00	106.85	0.00	525.00	56096.25	0.00	55027.75	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
17	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of	Cum	32.18	6690.24	215291.92	40.23	6690.24	269114.90	0.80	7136.26	5719.71	41.03	274834.61	59542.69	0.00	
18	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum.Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification and the directions of Engineer in-charge	cum	3120.46	118.72	370461.01	3641.13	118.72	432274.39	0.00	118.72	0.00	3641.13	432274.39	61813.38	0.00	
19	Providing and fixing MS Grating 260x260 mm(Page No.VIII, Sl No.237, code No.0771)	Sqm	14.00	105.66	1479.25	0.00	105.66	0.00	0.00	105.66	0.00	0.00	0.00	0.00	1479.25	
	Sub Total				18907690.72			17255606.14			529366.58	74528.41	17784972.72	1330327.11	2453045.11	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
					EIRL Estimate											
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)	Sqm	0.000	0.00	0.00	163.08	5111.00	833501.88	0.00	5111.00	0.00	163.08	833501.88	833501.88	0.00	
E2	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)	Sqm	0.00	0.00	0.00	157.50	1836.00	289170.00	0.00	1836.00	0.00	157.50	289170.00	289170.00	0.00	
	Sub total				**0.00**			**1122671.88**			**0.00**	**320.58**	**1122671.88**	**1122671.88**	**0.00**	
								Estimate+ Eirl Estimate								
	Grand Total				**18907690.72**			**18378278.02**			**529366.58**	**74848.99**	**18907644.60**	**2452998.99**	**2453045.11**	

Contractor

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 0

Executive Engineer

Executive Engineer
Syatarayanapura Division
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